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| (21) International Application Number: PCT/GB00/01679 (22) International Filing Date: 2 May 2000 (02.05.00) (30) Priority Data: 60/131,983 30 April 1999 (30.04.99) US (71) Applicant (for all designated States except US): CAMBRIDGE ANTIBODY TECHNOLOGY LIMITED [GB/GB]; The Science Park, Melbourn, Royston, Cambridgeshire SG8 6JJ (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): THOMPSON, Julia, Elizabeth [GB/GB]; Seebys Cottage, 6 High Street, Whittlesford, Cambridgeshire CB2 4LT (GB). LENNARD, Simon, Nicholas [GB/GB]; 58 Horesham Close, Hanchett Village, Haverhill, Suffolk CB9 7HN (GB). WILTON, Alison, Jane [GB/GB]; Fitzwilliam Cottage, 46 Huntingdon Road, Cambridge CB3 0HN (GB). BRADDOCK, Peta, Sally, Helena [GB/GB]; 6 Woodlands, St. Neots, Huntingdon, Cambridgeshire PE19 1UE (GB). DU FOU, Sarah, Leila [GB/GB]; 76 Ickleford Road, Hitchin, Hertfordshire SG5 1TL (GB). MCCAFFERTY, John, Gerald [GB/GB]; Church Farm Cottage, Sawston Road, Brabraham, Cambridgeshire CB2 4AP (GB). CONROY, Louise, Anne [GB/GB]; 35 | | Brampton Road, Cambridge, Cambridgeshire CB1 3HL (GB). TEMPEST, Philip, Ronald [GB/GB]; 43 High Street, West Wratting, Cambridgeshire CB1 5LU (GB). (74) Agents: BRASNETT, Adrian, H. et al.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (GB). (81) Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> |
| (54) Title: SPECIFIC ANTIBODIES AND ANTIBODY FRAGMENTS FOR TGFβ ₁ | | |
| (57) Abstract The invention provides specific binding members, for example in the form of antibody variable domains, based on the CDR3 sequences of the antibody VH regions of SL15 (SEQ ID NO:4) and JT182 (SEQ ID NO:10). The antibodies have strong neutralising activity for TGFβ ₁ and are useful in treating conditions associated with excess TGFβ ₁ activity, such as fibrosis, immune responses and tumour progression. | | |